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Soliman

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(54) **METHOD AND APPARATUS FOR DETERMINING SEARCH CENTER AND SIZE IN SEARCHES FOR GPS TRANSMISSIONS**

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(51) **Int. Cl.⁷** **H04B 7/185**

(52) **U.S. Cl.** **342/357.15; 342/357.06**

(58) **Field of Search** **342/357.06, 357.15, 342/357.1; 701/213**

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(57) **ABSTRACT**

A system and method for determining the size and center of a search for global positioning system (GPS) satellites. The system and method uses information taken from a wireless communication device for which the location is sought. The information includes determinations as to what communication base stations are local to the wireless communication device and how far away each such base station is from the wireless communication system.

4 Claims, 14 Drawing Sheets

